Rain Cinco

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Education:
University of Southern California (Los Angeles, CA)
- Master of Science in Electrical Engineering (GPA: 3.05) — *Dec 2020*
- Bachelor of Science in Electrical Engineering (GPA: 3.34) — *May 2019*
  - USC National Merit Presidential Scholar

Work Experience:
Systems Engineer at Northrop Grumman Corporation (Woodland Hills, CA) — *Aug 2020 – Present*
- Develop test procedures used for integration and testing on INS/GPS navigation systems and their respective Simulink models
- Obtain, analyze, and present signal data in order to fulfill and assess hundreds of evolving requirements
- Collaborate daily with an Agile scrum team of engineers to achieve biweekly goals
- Designed a MATLAB-based tool that adds to the capabilities of existing modular testing interfaces

Mission Systems Intern at Northrop Grumman Corporation (Woodland Hills, CA) — *May – Aug 2019*
- Manually tested dozens of requirements pertaining to digital upgrades on the UH-60V — *May – Aug 2018*
  Black Hawk helicopter cockpit — *May – Aug 2017*
- Wrote verification and validation scripts in MATLAB used for integration and testing on INS/GPS navigation systems
- Performed stress and power analyses on circuit card assemblies

Instructor at BlueStamp Engineering (New York, NY) — *Jun – Aug 2016*
- Mentored 22 high school students in creating advanced engineering projects, — *Jun – Aug 2014*
  such as gesture-controlled cars and hydroponic systems
- Taught soldering, drilling, circuit design, CAD, C++/Arduino, troubleshooting, documentation, and communication of technical concepts
- Edited and published over 200 videos documenting students' progress, milestones, and final presentations

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Leadership Experience:
Captain at USC Dragon Boat (Los Angeles, CA) — *Jun 2018 – May 2019*
- Successfully managed club sports team of over 30 members while finishing undergraduate coursework
- Partnered with seven executive board members to oversee all club operations, including coaching, recruitment, fundraising, and social events
- Incorporated new elements into the team experience, including mandatory weightlifting and annual team retreat

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Related Coursework: C++ Data Management, Introduction to Game Development, Introduction to Machine Learning, Optical Information Processing, Digital Signal Processing, Wireless Communications, Analog Circuits, Linear Circuits, Electromagnetics, Embedded Systems, Entrepreneurship

Skills: MATLAB, Simulink, Requirements Management (IBM DOORS, ClearCase, ClearQuest), C/C++, Python, GoogleTest, Unity3D, SPICE, CAD, Git, Perforce, Microsoft Office, Agile Teams and Software (Jira, Rally)

Interests: Dragon Boat, Outrigger Canoeing, Running, Cooking, Music, TSP Algorithms